

Amanda Zulema Calle

12345, Lamplight Village Ave.
Austin, TX 78758

(512) 994-7257
azcallep@utexas.edu

EDUCATION

Doctor of Philosophy in Geological Sciences, Stratigraphy and Structural Geology
expected May 2017

The University of Texas at Austin, Jackson School of Geosciences

Dissertation: *Mesozoic-Cenozoic Sedimentation, Provenance, and Basin Evolution along the Eastern Margin of the Central Andes (19-22°S)* Advisor: Dr. Brian Horton

Master of Science in Geological Sciences, Sedimentology and Tectonics

August 2013

The University of Texas at Austin, Jackson School of Geosciences

Thesis: *Neogene Sedimentation and Provenance Record of the Subandean Zone and Chaco Foreland Basin, Southern Bolivia* Advisor: Dr. Brian Horton

Overall GPA: 3.78/4.00

Bachelor of Science, Engineering Geology

August 2008

Universidad Mayor de San Andres, La Paz, Bolivia

RELEVANT COURSEWORK

Advanced Structural Geology, Tectonic and Climatic Interactions in Foreland Basins, Subsurface Mapping and Petroleum Workstations, Sequence Stratigraphy, Sedimentary Basin Analysis, Sandstone Reservoirs, Field Stratigraphy, Siliciclastic Petrology, Risk Analysis

EXPERIENCE

Repsol YPF Exploration & Production Bolivia

Feb 2006-Jul 2011

Exploration Geologist

- Supervised exploratory well drilling activities, lithological interpretation and geological analyses
- Provided daily reports on stratigraphic updates and compiled final geological report
- Generated geological mapping, Devonian stratigraphic measurements, collected samples, prepared samples for palynological analysis
- Regional chrono-stratigraphical correlation of main Bolivian reservoirs
- Evaluated prospects, and calculated original hydrocarbons in place

Servicio Nacional de Geología y Técnico de Minas de Bolivia

Oct 2004-Jan 2006

Geological Susceptibility Researcher

- Organized and sampled high resolution GPS data in areas prone to mass-wasting processes
- Mapped geomorphology of landslide prone areas

HONORS AND AWARDS

Award of Excellence "Top 10" Poster Presentation, American Association of Petroleum Geologists (AAPG)	2013
M. Weeks Grant Award, American Association of Petroleum Geologists Foundation	2013
Off-Campus Research Fellowship, Jackson School of Geosciences	2013
Ronald K. DeFord Field Scholarship, Jackson School of Geosciences	2012
Graduate Student Research Grant, Geological Society of America (GSA)	2012
Society of Sedimentary Geology (SEPM) scholarship	2012
Servicio Nacional de Geología de Bolivia, Research Scholarship	2004-2005
Excellence Award Certificate, Best Student of Geological Engineering	2001-2004
Honour Certificate, Academic merit for the highest grades	2001-2003

PROFESSIONAL ORGANIZATIONS

American Association of Petroleum Geologists (AAPG)	2011-2013
Geological Society of America (GSA)	2011-2013
Texas AAPG Student Chapter	2012-2013
Society of Sedimentary Geology (SEPM)	2012-2013
American Geophysical Union (AGU)	2013
Association for Women Geoscientists (AWG)	2013

PRESENTATIONS AND PUBLICATIONS

- Horton, B.K., and **Calle, A.Z.**, 2013, Improved age control and initial detrital zircon provenance for the central Andean foreland basin system of southern Bolivia: 125th Geological Society of America presentation, Denver.
- Calle, A.Z.** and Horton, B.K., 2013, Andean Exhumation and Growth of the Subandean-Chaco Foreland Basin, Southern Bolivia: Spatial-Temporal Variations and Implications for Hydrocarbon Exploration: Poster presentation ACE American Association of Petroleum Geologists, Pittsburgh.
- Requena E. and **Calle A.Z.**, 2009, Formación Higuera, Propuesta para una nueva unidad Neodevónica del Subandino Boliviano: XVIII Congreso Geológico Boliviano, Potosí, p. 1-5.